

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/14403

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01H11/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 196 30 533 A (MARQUARDT GMBH) 5 February 1998 (1998-02-05) column 4, line 56 -column 6, line 14	1-12
Y	US 5 268 555 A (SOLERO JOSE A ET AL) 7 December 1993 (1993-12-07) column 2, line 58 -column 3, line 30	1-12
A	EP 0 288 585 A (INOVAN STROEBE) 2 November 1988 (1988-11-02) cited in the application claim 1	1

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Further documents are listed in the continuation of box C.

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Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

6 May 2003

Date of mailing of the international search report

14/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Libberecht, L

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Information on patent family members

International Application No

PCT/JP 02/14403

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			WO 9805051 A1	05-02-1998
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			DE 3764088 D1	06-09-1990
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